

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/13882A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C22F1/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C22F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 969 114 A (HOWMET RES CORP) 5 January 2000 (2000-01-05) cited in the application claims 1-3	1-25
X	US 4 574 015 A (PAULONIS DANIEL F ET AL) 4 March 1986 (1986-03-04) cited in the application column 7, line 36 - column 8, line 30	1-25
A	US 4 579 602 A (PAULONIS DANIEL F ET AL) 1 April 1986 (1986-04-01) cited in the application claims 1,2	1-25
A	FR 2 628 349 A (SNECMA) 15 September 1989 (1989-09-15)	

 Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

- \*&\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

7 September 2004

13/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Gregg, N

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/13882

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0969114	A	05-01-2000	US	6120624 A	19-09-2000
			EP	0969114 A2	05-01-2000
			JP	2000160313 A	13-06-2000
US 4574015	A	04-03-1986	AT	393842 B	27-12-1991
			AT	411284 A	15-06-1991
			AU	568895 B2	14-01-1988
			AU	3680484 A	04-07-1985
			BE	901393 A1	16-04-1985
			BR	8406657 A	22-10-1985
			CA	1231632 A1	19-01-1988
			CN	85102029 A ,B	17-01-1987
			DD	232071 A5	15-01-1986
			DD	243880 A5	18-03-1987
			DE	3445767 A1	04-07-1985
			FR	2557148 A1	28-06-1985
			GB	2152076 A ,B	31-07-1985
			IL	73866 A	31-07-1987
			IT	1179547 B	16-09-1987
			JP	1492725 C	20-04-1989
			JP	60228659 A	13-11-1985
			JP	63039662 B	05-08-1988
			NO	845119 A ,B,	28-06-1985
			SE	8406562 A	28-06-1985
US 4579602	A	01-04-1986	BE	901250 A1	29-03-1985
			CA	1229004 A1	10-11-1987
			CH	665145 A5	29-04-1988
			DE	3445768 A1	04-07-1985
			DK	609584 A ,B,	28-06-1985
			FR	2557147 A1	28-06-1985
			GB	2151951 A ,B	31-07-1985
			IL	73865 A	16-09-1987
			IT	1181942 B	30-09-1987
			JP	1514547 C	24-08-1989
			JP	60170548 A	04-09-1985
			JP	63062584 B	02-12-1988
			NL	8403732 A	16-07-1985
			NO	845117 A ,B,	28-06-1985
			SE	462103 B	07-05-1990
			SE	8406445 A	28-06-1985
FR 2628349	A	15-09-1989	FR	2628349 A1	15-09-1989